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PTO/SB/64 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED
UNINTENTIONALLY UNDER 37 CFR 1.137(b)

Docket Number (Optional)

RECEIVED

First named inventor: Han-ping Chen

JUL 07 2003

Application No.: 09/884,971

Art Unit: 2829 OFFICE OF PETITIONS

Filed: 06/21/2001

Examiner: Tang, Minh Nhut

Title: Memory Sorting Method and Apparatus

Attention: Office of Petitions

Mail Stop Petition

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

FAX: (703) 308-6916

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus an extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee --required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee

 Small entity-fee \$ 650 (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. Other than small entity - fee \$ _____ (37 CFR 1.17(m))

2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in the form of Specification and Drawings (identify type of reply): has been filed previously on _____
 is enclosed herewith.B. The issue fee of \$ _____. | 07/03/2003 CCHAU1 00000017 09884971 has been paid previously on _____
 is enclosed herewith. | 01 FC:2453 650.00 0P

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

3. Terminal disclaimer with disclaimer fee

Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.

A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ _____ for a small entity or \$ _____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

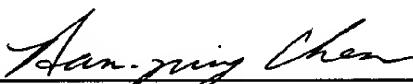
4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE. The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D))].

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

June 18, 2003

Date

Telephone Number: (408) 867-4486



Signature

Han-ping Chen

Typed or printed name

P.O. Box 2871

Address

Saratoga, CA 95070

Address

Enclosures: Fee Payment Reply Terminal Disclaimer Form Additional sheets containing statements establishing unintentional delay Other: _____

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

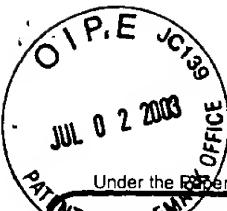
deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: **Mail Stop Petition**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 308-6916.

Date

Signature

Type or printed name of person signing certificate



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FEET TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** **650**

Complete if Known

Application Number

Filing Date

First Named Inventor

Examiner Name

Art Unit

Attorney Docket No.

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JUL 07 2003

OFFICE OF PETITIONS**METHOD OF PAYMENT (check all that apply)**

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number
[Redacted]
Deposit Account Name
[Redacted]

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 to the above-identified deposit account.

FEET CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	[Redacted]
1002	330	2002	165	Design filing fee	[Redacted]
1003	520	2003	260	Plant filing fee	[Redacted]
1004	750	2004	375	Reissue filing fee	[Redacted]
1005	160	2005	80	Provisional filing fee	[Redacted]
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
[Redacted]	[Redacted]	[Redacted]	-20** = [Redacted]	[Redacted] X [Redacted] = [Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	-3** = [Redacted]	[Redacted] X [Redacted] = [Redacted]	[Redacted]

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	[Redacted]
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	[Redacted]
1053	130	1053 130 Non-English specification	[Redacted]
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	[Redacted]
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	[Redacted]
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	[Redacted]
1251	110	2251 55 Extension for reply within first month	[Redacted]
1252	410	2252 205 Extension for reply within second month	[Redacted]
1253	930	2253 465 Extension for reply within third month	[Redacted]
1254	1,450	2254 725 Extension for reply within fourth month	[Redacted]
1255	1,970	2255 985 Extension for reply within fifth month	[Redacted]
1401	320	2401 160 Notice of Appeal	[Redacted]
1402	320	2402 160 Filing a brief in support of an appeal	[Redacted]
1403	280	2403 140 Request for oral hearing	[Redacted]
1451	1,510	1451 1,510 Petition to institute a public use proceeding	[Redacted]
1452	110	2452 55 Petition to revive - unavoidable	[Redacted]
1453	1,300	2453 650 Petition to revive - unintentional	650
1501	1,300	2501 650 Utility issue fee (or reissue)	[Redacted]
1502	470	2502 235 Design issue fee	[Redacted]
1503	630	2503 315 Plant issue fee	[Redacted]
1460	130	1460 130 Petitions to the Commissioner	[Redacted]
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	[Redacted]
1806	180	1806 180 Submission of Information Disclosure Stmt	[Redacted]
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	[Redacted]
1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	[Redacted]
1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))	[Redacted]
1801	750	2801 375 Request for Continued Examination (RCE)	[Redacted]
1802	900	1802 900 Request for expedited examination of a design application	[Redacted]
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

650

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Han-ping Chen	Registration No. (Attorney/Agent)	Telephone (408) 867-4486
Signature		Date	June 18, 2003

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